



SHiP

13 November 2017

**Minutes of the 10th SHiP Country Representatives Board
(CERN, 8 November 2017)**

Present:

R. Tsenov (Bulgaria & JINR), H. Dijkstra (CERN), O. Ruchayskiy (Denmark), J. Chauveau (France), H. Lacker (Germany), W. Bonivento (Italy), M. Komatsu (Japan, also representing C.S. Yoon, Korea), A. Blanco (Portugal), N. Polukhina (Russia, also representing V. Shevchenko), N. Serra (Switzerland), A.M. Guler (Turkey), M. Campanelli (UK), A. Boiarskyi (Ukraine), E. van Herwijnen (interim Chairperson), A. Golutvin (interim Spokesperson), R. Jacobsson (Technical Coordinator, also representing D. Milstead, Sweden), G. De Lellis (ν_τ -detector)

Excused:

D. Joković (Serbia)

1. Minutes of the previous CRB meeting. E. van Herwijnen, Interim Chairperson of the Country Representatives Board.

The minutes of the [CRB of 7 June 2017](#) were approved, with the correction that the “Journée SHiP/Physique du secteur cache” took place at LPNHE, not LAL.

2. News from the management. A. Golutvin, Interim Spokesperson

See the [slides](#).

Summary:

- SPSC review
 - The SPSC received SPSC-EOI-017 for associated charm production. They acknowledge the interest in this measurement and will continue to review it.
 - Beam time allocation for the muon flux and charm cross section proof of principle measurements will be done in January.
 - The SPSC chairman, J. Nash, will discuss with the European Strategy group the proper way to review SHiP documents. There will be more clarity on the review process at the time of the next SPSC meeting.
 - Pieces of R&D should be presented to the SPSC for review one by one.
- Formation of the “Theory” group, convened by A. Boiarskyi
 - Review papers and reports related to the SHiP physics programme.
 - Ensure SHiP sensitivities are correctly quoted.
 - Contribute to the extension of the SHiP physics case.
 - Compare SHiP sensitivities to other facilities.
 - Contribute to the SHiP CDS and the SHiP PBC document.

3. R&D planning and milestones EDMS 1816155 ([document](#)). R. Jacobsson, Technical Coordinator

- The document will be discussed in forthcoming TBs.
- Missing: cost and manpower estimates up to module-0.
- The document will be circulated for approval to the CRB in December.
- The ‘final’ version will be submitted to the SPSC in January.

4. Collaboration Agreement (E. van Herwijnen)

- The [CA](#) was required by the CERN management to provide a legal basis for SHiP R&D activities.
- It defines CERN’s responsibilities as host lab, via the [General Conditions for Experiments at CERN](#), Annex 1 to the CA.
- There is no need for all institutes to sign systematically.
- R&D items from EDMS 1816155 will be covered by Addenda.
- The Addenda as only signed by those institutes participating the R&D.
- Allows transfers of money and material to CERN. A budget code as set up for this: 12219.
- Two ready: [Addendum 1](#) (muon flux and charm cross section measurements) and [Addendum 2](#) (prototyping the active muon shield)

The [Interim Constitution](#) will be reviewed at the next CRB. Proposals for changes should be sent to the Chairman no later Tuesday evening 27 February 2018 so that a revised constitution can be sent for discussion at the next CRB meeting (to be held on 14 March 2018).

5. Journée SHiP/Physique du secteur caché at LPNHE (J. Chauveau, LPNHE)

J. Chauveau presented a [summary](#).

- The [Indico page](#) of the meeting.
- Reasonable attendance: ~30-35 people
- Opportunities identified for French groups:
 - Online/DAQ
 - Electronics
 - $\tau \rightarrow 3\mu$
 - GdR-Inf (Groupement de Recherche – Intensity Frontier)
 - J. Chauveau will give a seminar at the Ecole Polytechnique on 11 December 2017
- LAL formally joined (D. Breton, J. Maalmi, P. Robbe)

6. Publications (W. Bonivento, Chairman of the Publications and Speakers Bureau)

- We should try to publish as much as possible our results (also from test beam activities) with the complete SHiP author list
 - Important for Funding Agencies
 - Enhances the credibility of the collaboration
 - Please discuss exceptions with W. Bonivento

7. Next SHiP Collaboration meetings

The next SHiP collaboration meeting will be at CERN from 14-16 March 2018; the next CRB meeting will take place on Wednesday 14 March 2018.

The following collaboration meetings in 2018 will be 6-8 June ([Moscow](#)), 7-9 November (CERN).

There being no further business, the chairperson closed the meeting.

E. van Herwijnen